A B S T R A C T

        To solve the problems of sending signaling signals
(4) between exchanges (1, 6) which are interconnected by
links (7) which have no facility for sending signaling
signals conforming to the ISDN standard, the necessary
signaling channel is simulated on a supplementary
channel. In this case, the signaling data (4) formatted
in accordance with the ISDN standard is converted into
data formatted in accordance with said other channel on
transmission and restored to its original format on
reception. It is shown that this approach can overcome
the hybrid nature of the links between two exchanges
conforming to the ISDN standard. The exchanges include
software conforming to the ISDN standard for which the
link between exchanges becomes transparent.